



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

647.7304
Job Sheet 169368



Part No: 647.7304

Job Qty: 1 ea

Part Name: EC135 T2/P2 Cable Cutters System



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 12/8/17

Job Tracking No:

Due Date: 12/22/17

Created By: Mario Poulin

Type: SOLD

Description:

Customer: Metro Aviation Inc (CMETRO1)

PO Box 7008 Shreveport, LA, 71137 USA ph:(318) 222-5529 fx:(318) 698-5205.

Note: 647.7300 REV.D IPP REV:A 16.04.27 NEW ISSUE DD VERF:JLM IPP REV:B 16.11.15 dwg rev.c DD VERF:JLM IPP REV:C 17.12.07 AS PER DWG REV.D DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		12/22/17	0.00	0.00	Start Up Stores/Pkg-1		
110	Packaging	1 pcs		12/22/17	0.00	0.00	Packaging1-1		
120	QC	1 pcs		12/22/17	0.00	0.00	QC4		
125	DC	1 pcs		12/22/17	0.00	0.00	DC		
130	Packaging	1 pcs		12/22/17	0.00	0.00	Packaging3-1		
140	QC21-FG	1 Ea		12/22/17	0.00	0.00	QC21		

Part Op 125 - Photocopy bluefile & type labels per PPP 647.7304

Descriptions: 130 - Identify and pack for shipping as per PPP 647.7304

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	2600-LW 5020133	2 ✓	112	0	0
	26R16-1 5020133	2 ✓	0	0	0
	26S8-11 5020131	2 ✓	20	0	0
	600.0990 5020138	1 ✓	18	0	0
	600.0991 5020139	1 ✓	20	0	0
	600.1012 5020136	1 ✓	18	0	0
	601.2045 5020134	1 ✓	34	0	0
	601.2375 5020132	3 ✓	118	0	0
	601.2999 5020131	3 ✓	19	0	0
	601.3011 5020131	1 ✓	42	0	0
	601.3902 5020110	2 ✓	10	0	0
	647.0112 5020108	4 ✓	177	0	0
	647.1404 5020108	1 ✓	0	0	0
	647.1601 5020107	1 ✓	6	0	0
	647.1602 5020107	1 ✓	13	0	0
	647.1610 5020107	1 ✓	3	0	0
	647.1702 5020107	2 ✓	3	0	0
	647.1810 5020091	1 ✓	13	0	0
	647.1811 5020091	2 ✓	32	0	0
	647.1812 5020091	13 ✓	196	0	0
	647.1814 5020092	1 ✓	10	0	0
	647.1815 5020088	1 ✓	24	0	0
	647.1818 5020088	1 ✓	23	0	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause <table> <tr><td>Environment</td><td>☐</td><td>No Re-verification</td><td>☐</td></tr> <tr><td>Design</td><td>☐</td><td>Operator</td><td>☐</td></tr> <tr><td>Doc/Data</td><td>☐</td><td>Offset/Setup</td><td>☐</td></tr> <tr><td>Equip/Tooling</td><td>☐</td><td>Supplier</td><td>☐</td></tr> <tr><td>Handling/Pre</td><td>☐</td><td>Training</td><td>☐</td></tr> <tr><td>Material</td><td>☐</td><td>Use for Testing</td><td>☐</td></tr> <tr><td>Internal Transport</td><td>☐</td><td>Poor Information</td><td>☐</td></tr> <tr><td>Tribal Knowledge</td><td>☐</td><td>Rushing</td><td>☐</td></tr> <tr><td>LOA</td><td>☐</td><td>Product Improvement</td><td>☐</td></tr> <tr><td>Substation</td><td>☐</td><td>Process Improvement</td><td>☐</td></tr> <tr><td>Past Expiry Date</td><td>☐</td><td>Manufacturing Process</td><td>☐</td></tr> <tr><td>Misidentified</td><td>☐</td><td>Past Due</td><td>☐</td></tr> </table>		Environment	☐	No Re-verification	☐	Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐	FAULT CATEGORY <table> <tr><td>☐ Pressure/Forced</td><td>☐ Temperature/Cure</td><td>☐ Power Loss/Surge</td><td>☐ Positioned Wrong</td></tr> <tr><td>☐ Bending</td><td>☐ Set-up</td><td>☐ Folio/Program</td><td>☐ Outside Dimensions</td></tr> <tr><td>☐ Centre Not Concentric</td><td>☐ BOM/Route</td><td>☐ Grain</td><td>☐ Over/Under tolerance</td></tr> <tr><td>☐ Cracks</td><td>☐ Broken/Damage/Defect</td><td>☐ Weld</td><td>☐ Part Incorrect</td></tr> <tr><td>☐ Crimp/Kink/Ripple/Wave</td><td>☐ Inspection Incomplete/Unqualified</td><td>☐ Wrong Stock Pulled</td><td>☐ Part Lost/Missing</td></tr> <tr><td>☐ Cuffs</td><td>☐ Contamination</td><td>☐ Out of Sequence</td><td>☐ Part Moved</td></tr> <tr><td>☐ Crushing</td><td>☐ Countersink</td><td>☐ Off-set</td><td>☐ Drawing</td></tr> <tr><td>☐ Heat Treat</td><td>☐ Cut Too Short</td><td>☐ Mislabeled</td><td>☐ Finish</td></tr> <tr><td>☐ Wave/Twist in Tube</td><td>☐ Instructions Incomplete/Unclear</td><td>☐ Fit/Function</td><td>☐ Misread</td></tr> <tr><td>☐ Marks/Chatter</td><td>☐ Drill Holes</td><td>☐ Misaligned/off center</td><td>☐ Turning Sequence</td></tr> </table>				☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence
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	647.1913	5020065	1	11	0	0
	647.1914	5020069	1	5	0	0
	647.1915	5020063	1	20	0	0
	647.2114	F147224	1	1	0	0
5024312	647.3201		1	0	0	0
	647.7501	F163501	1	1	0	0
	647.7701	5020033	2	6	0	0
	647.7702	5020039	2	4	0	0
5020031	647.7819		1	3	0	0
	647.7821	5020025	1	5	0	0
5026823	647.7822	5020028	1	5	0	0
	647.7823		1	0	0	0
5020020X1	647.7910	5020022	2	4	0	0
	647.7911	F93983X1	2	5	0	0
	647.7912	502008	4	9	0	0
	647.7913	5020066	2	8	0	0
	647.7914	502004	1	8	0	0
	647.7915	5020003	1	6	0	0
	647.7916	5020002	2	11	0	0
	647.7917	5020001	1	11	0	0
	647.7918	6019999	1	9	0	0
5019997	647.8510		20	28	0	0
3X 5020019	647.8511	F150626X1	4	11	0	0
	647.8512	F159419	2	2	0	0
	93635A212	5019969	4	14	0	0
	AN3-11A	5019950	4	383	0	0
	AN3-4A	5019222	2	223	0	0
	AN316C4R	5019937	4	24	0	0
	AN44-12A	5019731	2	11	0	0
	AN4C7A	5019931	4	107	0	0
	AN4CH6A	5019730	1	29	0	0
	AN665-34R	5019929	4	36	0	0
22 X 5019222	CCR264SS-3-03	Fm15804511	24	43	0	0
	CCR274SS-3-03	5019928	4	57	0	0
	CR3212-5-06	5019856	2	100	0	0
	CR3213-4-2	5019840	4	251	0	0
	CR3213-4-3	5019858	24	570	0	0
	CR3213-4-4	5019853	16	215	0	0
	CR3213-4-5	5019851	8	172	0	0
5019849X3	CR3213-4-6	5019850	17	337	0	0
	CR3213-5-3	F-11137391-MX13	16	113	0	0
	CR3213-5-4	5019841	12	48	0	0
	CR3522-4-3	5019839	8	85	0	0
	CR3522-5-3	5019836	8	45	0	0
5019820 X4	CR3523-4-3	5019830	4	30	0	0
	CR3523-4-4	Fm127255X17	24	17	0	0
	CR3523-5-3	5019808	8	20	0	0
	LN9025-0820K	5019807	8	34	0	0
	LN9037-08018	5019805	8	22	0	0
	MS21042-08	DAS	5	0	0	0
	MS21042-3	5019800	35	39	0	0
	MS21042L08	5019798	10	2,901	0	0
	MS21042L4	5019797	4	4,560	0	0
	MS21042L5	5019792	4	926	0	0
	MS21047-3	5019790	12	408	0	0
	MS21266-2N	5006932	1	35	0	0
	MS24694-S54	5019779	5	53	0	0
	MS27039-08-07	5019776	1	49	0	0
	MS27039-08-13	5019772	4	353	0	0
	MS27039-08-19	5019769	5	753	0	0
	MS27039-1-07	5019766	3	81	0	0
	MS27039-1-09	5019765	12	279	0	0
	MS27039-1-10	5019762	6	479	0	0
	MS27039-1-12	5019761	2	189	0	0
	MS27039-1-14	5019759	4	558	0	0
	MS27039-1-15	5019758	1	522	0	0
	MS27039-1-16	5019757	4	173	0	0
	MS27039-1-17	5019756	2	108	0	0
	MS27039-1-18	5019754	2	1,425	0	0
	NAS1149C0432R	5019752	12	906	0	0
	NAS1149F0332P	5019751	89	2,083	0	0
	NAS1149F0532P	5019750	4	674	0	0
	NAS1149FN832P	5019748	25	3,651	0	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

S A#B

- NAS6603-12 50 1996 4 ✓
- NAS6603-16 50 1996 4 ✓

103 12900 0
48 133523 0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Inventory

Operation Number	Operation	Serial Number	Job	Quantity	Weight	Original Serial Number	Location	Container	Status	Added	Special Comments	Label	Supplier	Change No
Part Number: 601.3011 Revision: P-Seal														
140	QC21-SA FT	S020141	169368	1 ft	0	M137538	Start Up Stores/Pkg-1		Stock	12/12/2017	Issue Container			
Operation Totals:		1		1	0									
Part Totals:		1		1	0									
Part Number: CR3213-4-05 Revision: Rivet														
100	Receive Ea	S019851	169368	6 Ea	0	S017099	Start Up Stores/Pkg-1		Stock	12/11/2017	Issue Container			
Operation Totals:		1		6	0									
Part Totals:		1		6	0									
Part Number: MS21042L08 Revision: Nut														
100	Receive Ea	S019798	169368	10 Ea	0		ST303		Stock	12/11/2017	Issue Container			
Operation Totals:		1		10	0									
Part Totals:		1		10	0									
Totals:		3		17	0									

Plex 1/12/2018 9:50 AM Dart.Poulin.Mario